

### **Amendments to the Claims:**

*This listing of claims will replace all prior versions, and listings, of claims in the application:*

1. (Previously Presented) An automatic door control system that is operable with a door, the system comprising:

a control module assembly having:

a microphone for receiving a voice command;

a voice recognizer that includes a processor for storing a plurality of waveforms in a voice database and a preset commands database, the voice recognizer comparing the voice command with the voice database and the preset commands database, determining whether the voice command matches the waveforms in the voice database and the present commands database, and generating a signal that corresponds to the voice command if the voice command matches the waveforms stored in the voice database and present commands database; and

a drive train assembly coupled to the control module assembly and the door, wherein the drive train assembly is configured to receive the signal from the control module assembly to move the door, wherein the drive train assembly is configured to open and close the door.

2. (Previously Presented) The automatic door control system of Claim 1, wherein the drive train assembly uses the force required to move the door with a coefficient of friction between a wheel of the drive train assembly and a surface that the door interacts with to move the door.

3. (Original) The automatic door control system of Claim 2, wherein the drive train assembly includes a force-producing device.

4. (Original) The automatic door control system of Claim 3, wherein the following equipment is utilized to easily move the door across the surface:

$$F_f = nF \cdot u,$$

wherein  $F_f$  represents the force required to open the door, where  $nF$  represents a normal force exerted on the wheel by the force-producing device and  $u$  represents the coefficient of friction between the wheel and the surface.

5. (Original) The automatic door control system of Claim 4, wherein  $F_f$  is in the range of about 10-50 lbs.

6. (Original) The automatic door control system of Claim 5, wherein  $u$  is in the range of about .1 to 1.

7. (Original) The automatic door control system of Claim 3, wherein the force-producing device is a spring.

8. (Withdrawn) A method for moving a door across a surface, the method comprising:  
    sending a command to an automatic door control system;  
    analyzing and comparing the command with databases at the automatic door control system;  
    determining if the command can be performed based on a positional status of a door, if there is a match between the command and the databases;  
    activating a drive train assembly of the automatic door control system based on the command, if the positional status of the door is such that the command can be performed, wherein the drive train assembly applies a force to a wheel mounted on the drive train assembly to easily move the door.

9. (Withdrawn) The method of Claim 7 wherein the databases comprise sound databases and preset commands databases.

10. (Withdrawn) The method of Claim 7 wherein the command is a waveform.

11. (Withdrawn) The method of Claim 7, wherein the automatic door control system can be adapted to receive electronic command signals from an alternative electronic device.

12. (Previously Presented) The automatic door control system of Claim 1, wherein the control module assembly further comprises:

- a control module configured to generate the signal for the drive train assembly;
- a light emitting diode display that is communicative with to the control module; and
- an audio speaker that is communicative with the control module.

13. (Previously Presented) The automatic door control system of Claim 12, wherein the control module assembly further comprises a graphical user interface that is communicative with the control module.

14. (Canceled)

15. (Previously Presented) The automatic door control system of Claim 1, wherein the drive train assembly includes:

- a motor that generates torque when the control module assembly generates the signal;
- a clutch that is connected to the motor through the use of a shaft and is adapted to transmit the torque;
- a wheel that receives the torque; and
- a spring for exerting a normal force on the wheel to force the wheel to contact the surface of the door to open and close the door.

16. (New) An automatic door control system that is operable with a door, the system comprising:

- a control module assembly having:
  - a microphone for receiving a voice command;

a voice recognizer that includes a processor for storing a plurality of waveforms in a voice database and a preset commands database, the voice recognizer comparing the voice command with the voice database and the preset commands database, determining whether the voice command matches the waveforms in the voice database and the present commands database, and generating a signal that corresponds to the voice command if the voice command matches the waveforms stored in the voice database and present commands database; and

a drive train assembly coupled to the control module assembly and the door, wherein the drive train assembly is configured to receive the signal from the control module assembly to move the door, wherein the drive train assembly is configured to open and close the door; and

a door position indicator in the form of a draw wire transducer for monitoring the position of the door, the draw wire transducer being operable with the drive train assembly and being configured to transmit and receive signals to/from a control module within the control module assembly, wherein the signals correspond to the voice command.

17. (New) The automatic door control system of Claim 16, wherein the drive train assembly uses the force required to move the door with a coefficient of friction between a wheel of the drive train assembly and a surface that the door interacts with to move the door.

18. (New) The automatic door control system of Claim 16, wherein the drive train assembly includes:

a motor that generates torque when the control module assembly generates the signal;  
a clutch that is connected to the motor through the use of a shaft and is adapted to transmit the torque;

a wheel that receives the torque; and

a spring for exerting a normal force on the wheel to force the wheel to contact the surface of the door to open and close the door.

19. (New) The automatic door control system of Claim 16, wherein the control module assembly further comprises:

a control module configured to generate the signal for the drive train assembly;  
a light emitting diode display that is communicative with to the control module; and  
an audio speaker that is communicative with the control module.

20. (New) The automatic door control system of Claim 19, wherein the control module assembly further comprises a graphical user interface that is communicative with the control module.